

**DECLARATION FOR PATENT APPLICATION**

As below named inventors, we hereby declare that:

Our residence, post office address, and citizenship are as stated below next to our name.

We believe that we are the original, first and sole inventors of the subject matter which is claimed, and for which a patent is sought on the invention entitled:

**METHODS AND APPARATUS FOR THE INTEROPERABILITY AND  
MANIPULATION OF DATA IN A COMPUTER NETWORK**

☐ the specification of which is attached hereto, unless the following box is checked:

\_\_\_ was filed on \_\_\_\_\_, as United States Application Number or PCT  
International Application Number \_\_\_\_\_.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, §§119(a) - (d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

We hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

We hereby appoint the following registered attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Alan J. Ross, Reg. No. 33,767  
John X. Garred, Reg. No. 31,830  
Michael A. Jaffe, Reg. No. 36,326  
Susan L. Mizer, Reg. No. 38,245  
James C. Scott, Reg. No. 35,351  
Larry B. Donovan, Reg. 47,230  
Jay P. Ryan, Reg. No. 37,064  
Eric D. Jorgenson, Reg. No. 46,002

Direct all telephone calls to : Larry B. Donovan  
at telephone number : (216) 696-3864

Direct all correspondence to : Larry B. Donovan

ARTER & HADDEN LLP  
1100 Huntington Building  
925 Euclid Avenue  
Cleveland, Ohio 44115-1475  
Customer No.: 23380

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full name of sole or first inventor: John E. Armstrong**

Inventor's signature : 

Date : 104/15/01

Residence : Santee, California

Citizenship : USA

Post Office Address : 7924 Linen Drive, Santee California 92071

**Full name of sole or first inventor: Marcia R. Armstrong**

Inventor's signature : Marcia R. Armstrong

Date : April 15, 2001

Residence : Santee, California

Citizenship : USA

Post Office Address : 7924 Linen Drive, Santee, California 92071

**Full name of sole or first inventor: Dan R. Daffer**

Inventor's signature : [Signature]

Date : 4-16-2001

Residence : El Cajon, California

Citizenship : USA

Post Office Address : 1544 Skyline Lane, El Cajon, California 92021

**Full name of sole or first inventor: Robert J. Offerman**

Inventor's signature : [Signature]

Date : 4/15/2001

Residence : Carlsbad, California

Citizenship : USA

Post Office Address : 2558 Davis Avenue, Carlsbad, California 92009

**Full name of sole or first inventor: Shell L. Pierce**

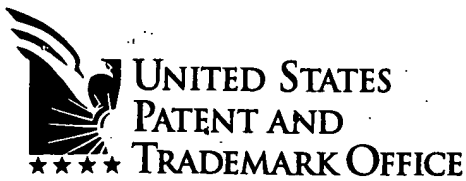
Inventor's signature : [Signature]

Date : 4/15/2001

Residence : El Cajon, California

Citizenship : USA

Post Office Address : 1237 Graves Avenue, #415, El Cajon, California 92021



MARCH 01, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

ARTER & HADDEN LLP  
LARRY B. DONOVAN  
925 EUCLID AVENUE  
1100 HUNTINGTON BUILDING  
CLEVELAND, OH 44115



\*101941752A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/07/2002

REEL/FRAME: 012431/0953  
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ARMSTRONG, JOHN E.

DOC DATE: 04/15/2001

ASSIGNOR:

ARMSTRONG, MARCIA R.

DOC DATE: 04/15/2001

ASSIGNOR:

DAFFER, DAN R.

DOC DATE: 04/16/2001

ASSIGNOR:

OFFERMAN, ROBERT J.

DOC DATE: 04/15/2001

ASSIGNOR:

PIERCE, SHELL L.

DOC DATE: 04/15/2001

ASSIGNEE:

EUROPA SOFTWARE INCORPORATED  
7924 LINEN DRIVE  
SANTEE, CALIFORNIA 92071

**DOCKET**

**MAR - 7 2002**

**ARTER & HADDEN**

012431/0953 PAGE 2

SERIAL NUMBER: 09836894  
PATENT NUMBER:

FILING DATE: 04/17/2001  
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-11-2002

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101941752

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

JAN 7 2002

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New 1-7-02  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
04/15/2001

Name (line 1) John E. Armstrong

Name (line 2)

**Second Party**

Name (line 1) Marcia R. Armstrong

Name (line 2)

Execution Date  
Month Day Year  
04/15/2001

**Receiving Party**

☒ Mark if additional names of receiving parties attached

Name (line 1) Europa Software Incorporated

Name (line 2)

Address (line 1) 7924 Linen Drive

Address (line 2)

Address (line 3) Santee California 92071

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

01/11/2002 DBYRNE 00000028 09836894

01 FC:581

40.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

## Correspondent Name and Address

Area Code and Telephone Number (216) 696-3864

Name Larry B. Donovan

Address (line 1) Arter &amp; Hadden LLP

Address (line 2) 925 Euclid Avenue

Address (line 3) 1100 Huntington Building

Address (line 4) Cleveland, Ohio 44115

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 8

## Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

## Patent Application Number(s)

09/836,894

## Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit AccountEnclosed ☒Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 50-0902 (75637/11931)

Authorization to charge additional fees:

Yes

☒

No

☐

## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.

Larry B. Donovan, Reg. No. 47,230

Name of Person Signing

Atty Docket: 75637/11931

Signature

December 12, 2001

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Dan R. Daffer

Execution Date  
Month Day Year

04/16/2001

Name (line 2)

Execution Date  
Month Day Year

04/15/2001

Name (line 1) Robert J. Offerman

Name (line 2)

Execution Date  
Month Day Year

04/15/2001

Name (line 1) Shell L. Pierce

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/836,894

Patent Number(s)



ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:        Name:        John E. Armstrong  
                     Address:     7924 Linen Drive  
                                     Santee, California 92071  
                     County:

ASSIGNOR:        Name:        Marcia R. Armstrong  
                     Address:     7924 Linen Drive  
                                     Santee, California 92071  
                     County:

ASSIGNOR:        Name:        Dan R. Daffer  
                     Address:     1544 Skyline Lane  
                                     El Cajon, California 92021  
                     County:

ASSIGNOR:        Name:        Robert J. Offerman  
                    Address:      2558 Davis Avenue  
                                    Carlsbad, California 92009  
                    County:

ASSIGNOR:        Name:        Shell L. Pierce  
                    Address:      1237 Graves Avenue, #415  
                                    El Cajon, California 92021  
                    County:

hereby sell, assign and transfer to

ASSIGNEE:        Name:        **EUROPA SOFTWARE INCORPORATED**  
                    Principal Place  
                    Of Business: 7924 Linen Drive  
                                    Santee, California 92071  
                    State of  
                    Incorporation: CALIFORNIA

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

**METHODS AND APPARATUS FOR THE INTEROPERABILITY AND  
MANIPULATION OF DATA IN A COMPUTER NETWORK**

and which is found in (37 C.F.R. § 3.21)

\_\_\_ U.S. patent application executed on the \_\_\_ day of \_\_\_, 20\_\_\_

\_\_\_ U.S. patent application executed on the \_\_\_ day of \_\_\_, 20\_\_\_

\_\_\_ U.S. patent application executed on the \_\_\_ day of \_\_\_, 20\_\_\_

To comply with 37 C.F.R. § 3.21 for recordal of this assignment, we, as ASSIGNOR(S) signing below, hereby authorize and request our attorney to insert below the filing date and application number when they become known.

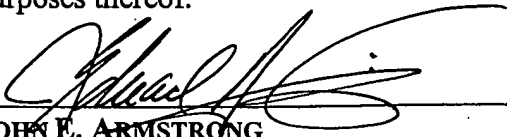
U.S. application No. \_\_\_\_\_, filed on

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for such invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent, any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said

Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

  
\_\_\_\_\_  
JOHN E. ARMSTRONG

STATE OF CALIFORNIA    )  
                                  ):SS  
COUNTY OF                )

Personally appeared before me this day, the above named John E. Armstrong, to me personally known, who acknowledged that he signed the foregoing instrument, for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

(Seal)

Signed at \_\_\_\_\_, \_\_\_\_\_ on this  
(City) (State)

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(day) (Month)

Marcia R. Armstrong

STATE OF CALIFORNIA )

):SS

COUNTY OF )

Personally appeared before me this day, the above named Marcia R. Armstrong, to me personally known, who acknowledged that he signed the foregoing instrument, for the uses and purposes therein mentioned, and that the same is his free act and deed.

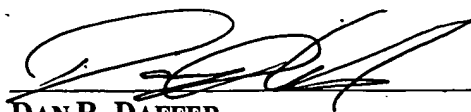
In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

**Notary Public**

(Seal)

Signed at \_\_\_\_\_, \_\_\_\_\_ on this \_\_\_\_\_  
(City) (State)

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
(day) (Month)

  
DAN R. DAFFER

STATE OF CALIFORNIA   )  
  ):SS  
COUNTY OF                   )

Personally appeared before me this day, the above named Dan R. Daffer, to me personally known, who acknowledged that he signed the foregoing instrument, for the uses and purposes therein mentioned, and that the same is his free act and deed.

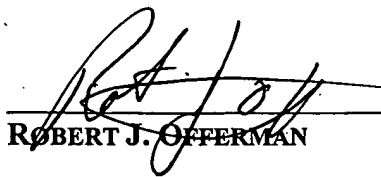
In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public

(Seal)

Signed at \_\_\_\_\_, \_\_\_\_\_ on this  
(City) (State)

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(day) (Month)

  
ROBERT J. OFFERMAN

STATE OF CALIFORNIA    )  
                                  ):SS  
COUNTY OF                )

Personally appeared before me this day, the above named Robert J. Offerman, to me personally known, who acknowledged that he signed the foregoing instrument, for the uses and purposes therein mentioned, and that the same is his free act and deed.

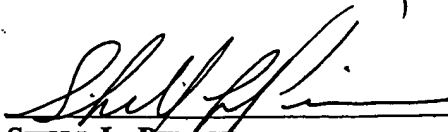
In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public

(Seal)

Signed at \_\_\_\_\_, \_\_\_\_\_ on this  
                                  (City)                                (State)

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(day)                                (Month)

  
SHELL L. PIERCE

STATE OF CALIFORNIA   )  
                                  ):SS  
COUNTY OF                )

Personally appeared before me this day, the, above named Shell L. Pierce, to me personally known, who acknowledged that he signed the foregoing instrument, for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public

(Seal)

Signed at \_\_\_\_\_, \_\_\_\_\_ on this

(City)

(State)

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(day)

(Month)

579352.1